

--ABSTRACT

A hydraulic power steering system for a vehicle, e.g., an electrohydraulic power steering system for a motor vehicle, includes a servo valve, the relative movement of whose control parts actuates a piston rod of a servo cylinder and changes at least one steering angle of a wheel which is operatively connected to the piston rod, and - ~~The power steering system~~ additionally has an electric servo motor which drives a rack with the servo cylinder for ~~the purpose of~~ adjusting the steering angle of the wheel in the same direction. In order to provide an electrohydraulic power steering system which is as compactly arranged as possible in the region of its actuator and may be used flexibly for different classes of vehicle, ~~it is provided to combine~~ the action of the rack and the piston rod of the servo cylinder is combined, in a parallel arrangement with one another, on an addition member for ~~the purpose of~~ jointly adjusting the steering angle of the wheel.--.